MONTGOMERY COLLEGE
WORKS FOR MONTGOMERY COUNTY

EDUCATION AND MARKET-RELEVANT SKILLS ARE KEY TO COUNTY ECONOMIC REBOUND.

From Whitman to Wheaton, 49 percent of Montgomery County Public Schools graduates who attend college in Maryland begin at Montgomery College. And studies show when these grads attain a college degree (associate's or bachelor's), their average income increases by $10,000 to $30,000 annually. This means our local economy—from employers to workers—benefits across the board.

MC Helps Lead the Pandemic Economic Rebound. Post-COVID economic recovery depends on ready workers. Community colleges were made for this moment. Before the pandemic, MC created the county's talent pipeline and supplied workers with in-demand skills to area employers. Now, we are working to ensure the post-pandemic economic recovery includes opportunities for more people to reskill and upskill so they can not only resume employment, but take advantage of new opportunities.

Biotechnology and IT Bootcamps provide training for entry-level positions in the local biotechnology and information technology industries. Multiweek bootcamps allow unemployed or underemployed individuals to begin a new career or build on an existing career. The College developed the biotech bootcamp curriculum and hands-on laboratory exercises in close collaboration with local biotech employers, like Quality Biological, who expressed a need for this short-term training to close skill gaps. This training particularly served residents who lost jobs because of the pandemic. Worksource Montgomery and the state of Maryland provided the funding so participants attended at no cost.

The IT bootcamps, also free for participants thanks to a $5M U.S. Department of Labor grant, trained participants who gained new skills and industry-recognized certification. These trainings led to 500 participants now working for employers like Infosys, Microsoft, and Booz Allen.

Post-COVID Scholarships for Critical, High-Need Workforce Areas, like health care and information technology, lead to certifications, certificates, or licensures. Getting residents back to work is one of our highest post-COVID priorities. MC is providing scholarships through GEER funding ($2.4 million from the Governor's Emergency Education Relief Fund under the federal Coronavirus Aid, Relief, and Economic Security Act). Funds for students can cover tuition, technology, textbooks, and certification testing fees.

Incumbent Worker Training. Local companies engage the College to provide customized training in information technology, project management, leadership, and more to their workers. Corporations, municipalities, and organizations from across the county and throughout the area depend on MC to increase the productivity of their workforce. For example, MC provided a management training program for 125 employees at Emmes Corporation in Rockville and virtually around the nation. When the pandemic hit, our training program continued seamlessly. Emmes leaders say working together with MC fuels the company's productivity and has been a powerful investment.

> **"MC creates the homegrown talent who energize our economy. Each new hire— each new skill learned—is a success story because every wage earner contributes to the greater economy."**
>
> –James G. Muir III, MC alumnus, vice president at Hughes Network Systems, LLC (HUGHES)

MC ALUMS: JOB CREATORS, BUSINESS LEADERS, INNOVATORS, AND ENTREPRENEURS

Across Montgomery County, these MC alumni and top executives generate jobs, employ workers, and help drive the local economy forward.

EXECUTIVE
James Muir III
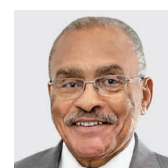Vice President,
Hughes Network Systems,
LLC (HUGHES)

James G. Muir III is vice president at Hughes Network Systems, LLC.

ENTREPRENEUR
Julie Verratti
Founder and Chief Brand
Officer, Denizens Brewing Co.

Julie Verratti is an entrepreneur who founded Denizens Brewing Company, which employs 50 people. She is helping grow the county's microbrewing industry.
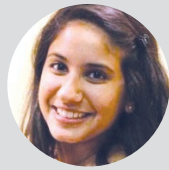
INNOVATOR
Sol Graham
Founder, Quality
Biological, Inc.

Sol Graham is an industry pioneer who created Quality Biological, Inc. The firm employs 30 people to develop and manufacture high-quality research elements.

MEETING DEMANDS FOR SKILLED TALENT

Employers depend on MC to create a pipeline of skilled employees. Montgomery College offers programs—from biotechnology to clinical trials project management, computer programming to engineering—that prepare students to earn a bachelor's degree or enter the workforce.

- Biotech
- Cloud Computing
- Cybersecurity
- Engineering
- Health Sciences
- Information Technology
- Life Sciences
- Networking Technology
- Project Management Professional
- Small Business Entrepreneurship

WHERE MC'S IT ALUMNI WORK

- Accenture Federal Services
- Amazon Web Services (AWS)
- BAE Systems
- Booz Allen Hamilton
- Capital One
- CareFirst
- CITI
- GEICO
- Lockheed Martin
- Microsoft
- Montgomery County Government
- PriceWaterhouseCoopers
- U.S. Army Recruiting Command
- U.S. Securities and Exchange Commission

MC SKILLED ALUMNI FUEL MONTGOMERY'S ECONOMY

MC contributes to the talent pool driving innovation and productivity in Montgomery County and the DMV region.

Shruti Mistry

Biomedical Engineer, Food and Drug Administration
Montgomery College, Georgia Institute of Technology, Johns Hopkins University

Yves Lumir Njonkou

Process Engineer and Chemical Lab Manager, Senseionics, Inc.
Montgomery College, University of Maryland

Dimitri Tselenchuk, Ph.D.

Scientist I, Meso Scale Diagnostics, LLC
Montgomery College, University of Maryland at Shady Grove, Johns Hopkins University

#MCWorksForMoCo

- **IT Institute Trains 3,000 Students Annually**—Programs range from app development to cybersecurity to cloud technology and data science.

- **Residents with Advanced Degrees Continue Training**—Residents with advanced degrees add advanced biotech and laboratory skills with training workshops.

- **Apprenticeships Grow the Middle Skills Workforce**—Auto mechanics, HVAC technicians, apartment maintenance technicians acquire in-demand midlevel skills.

- **Tomorrow's Entrepreneurs Start at MC**—Students gain valuable financial and business education at the Macklin Business Institute, Southern Management Leadership Program, and special short-term business certificate programs.

- **Cloud Computing Degree and Certificate Meet Industry Demands**—Students train for emerging careers in artificial intelligence, automation, cloud robotics, and drone fleets.

- **Skill Development Starts Young**—Montgomery Can Code program trains MCPS eighth graders to code with Apple's Swift program.

The College's life sciences and tech hub, PIC MC, spurs job growth and economic opportunity by bringing businesses to the county that are eager to hire prepared graduates. MC educates students in targeted industry sectors—biotechnology, cybersecurity, health sciences. Soon, more life sciences and technology businesses will join as tenants in the upcoming 120,000-square-foot life sciences office building, the 19710 Building, on the Germantown Campus.

For more information, contact the Montgomery College Office of the President at 240-567-5267 or visit **montgomerycollege.edu/mcworksformoco**

#MCWorksForMoCo

Montgomery College is an academic institution committed to equal opportunity and diversity of its students, faculty, and staff. Produced by the Office of Communications, 11/2021.